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<120> METHODS AND COMPOSITIONS FOR INHIBITING NEOPLASTIC CELL GROWTH

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14

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27

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Leu Ala Leu Leu Ser Ala Phe Ser Ala Thr Gln Ala Arg Lys Gly Phe
              15                  20                  25
tgg gac tac ttc agc cag acc agc ggg gac aaa ggc agg gtg gag cag       149
Trp Asp Tyr Phe Ser Gln Thr Ser Gly Asp Lys Gly Arg Val Glu Gln
          30                  35                  40
atc cat cag cag aag atg gct cgc gag ccc gcg acc ctg aaa gac agc       197
Ile His Gln Gln Lys Met Ala Arg Glu Pro Ala Thr Leu Lys Asp Ser
      45                  50                  55
ctt gag caa gac ctc aac aat atg aac aag ttc ctg gaa aag ctg agg       245
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28

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cct ctg agt ggg agc gag gct cct cgg ctc cca cag gac ccg gtg ggc        293
Pro Leu Ser Gly Ser Glu Ala Pro Arg Leu Pro Gln Asp Pro Val Gly
                80              85                  90
atg cgg cgg cag ctg cag gag gag ttg gag gag gtg aag gct cgc ctc        341
Met Arg Arg Gln Leu Gln Glu Glu Leu Glu Glu Val Lys Ala Arg Leu
            95              100                 105
cag ccc tac atg gca gag gcg cac gag ctg gtg ggc tgg aat ttg gag        389
Gln Pro Tyr Met Ala Glu Ala His Glu Leu Val Gly Trp Asn Leu Glu
            110             115                 120
ggc ttg cgg cag caa ctg aag ccc tac acg atg gat ctg atg gag cag        437
Gly Leu Arg Gln Gln Leu Lys Pro Tyr Thr Met Asp Leu Met Glu Gln
        125             130                 135
gtg gcc ctg cgc gtg cag gag ctg cag gag cag ttg cgc gtg gtg ggg        485
Val Ala Leu Arg Val Gln Glu Leu Gln Glu Gln Leu Arg Val Val Gly
140             145             150                     155
gaa gac acc aag gcc cag ttg ctg ggg ggc gtg gac gag gct tgg gct        533
Glu Asp Thr Lys Ala Gln Leu Leu Gly Gly Val Asp Glu Ala Trp Ala
                160             165                 170
ttg ctg cag gga ctg cag agc cgc gtg gtg cac cac acc ggc cgc ttc        581
Leu Leu Gln Gly Leu Gln Ser Arg Val Val His His Thr Gly Arg Phe
            175             180                 185
aaa gag ctc ttc cac cca tac gcc gag agc ctg gtg agc ggc atc ggg        629
Lys Glu Leu Phe His Pro Tyr Ala Glu Ser Leu Val Ser Gly Ile Gly
            190             195                 200
cgc cac gtg cag gag ctg cac cgc agt gtg gct ccg cac gcc ccc gcc        677
Arg His Val Gln Glu Leu His Arg Ser Val Ala Pro His Ala Pro Ala
        205             210                 215
agc ccc gcg cgc ctc agt cgc tgc gtg cag gtg ctc tcc cgg aag ctc        725
Ser Pro Ala Arg Leu Ser Arg Cys Val Gln Val Leu Ser Arg Lys Leu
220             225             230                     235
acg ctc aag gcc aag gcc ctg cac gca cgc atc cag cag aac ctg gac        773
Thr Leu Lys Ala Lys Ala Leu His Ala Arg Ile Gln Gln Asn Leu Asp
                240             245                 250
cag ctg cgc gaa gag ctc agc aga gcc ttt gca ggc act ggg act gag        821
Gln Leu Arg Glu Glu Leu Ser Arg Ala Phe Ala Gly Thr Gly Thr Glu
            255             260                 265
gaa ggg gcc ggc ccg gac ccc cag atg ctc tcc gag gag gtg cgc cag        869
Glu Gly Ala Gly Pro Asp Pro Gln Met Leu Ser Glu Glu Val Arg Gln
            270             275                 280
cga ctt cag gct ttc cgc cag gac acc tac ctg cag ata gct gcc ttc        917
Arg Leu Gln Ala Phe Arg Gln Asp Thr Tyr Leu Gln Ile Ala Ala Phe
        285             290                 295
act cgc gcc atc gac cag gag act gag gag gtc cag cag cag ctg gcg        965
Thr Arg Ala Ile Asp Gln Glu Thr Glu Glu Val Gln Gln Gln Leu Ala
300             305             310                     315
cca cct cca cca ggc cac agt gcc ttc gcc cca gag ttt caa caa aca        1013
Pro Pro Pro Pro Gly His Ser Ala Phe Ala Pro Glu Phe Gln Gln Thr
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gac agt ggc aag gtt ctg agc aag ctg cag gcc cgt ctg gat gac ctg        1061
Asp Ser Gly Lys Val Leu Ser Lys Leu Gln Ala Arg Leu Asp Asp Leu
            335             340                 345
tgg gaa gac atc act cac agc ctt cat gac cag ggc cac agc cat ctg        1109
Trp Glu Asp Ile Thr His Ser Leu His Asp Gln Gly His Ser His Leu
            350             355                 360
ggg gac ccc tga ggatctacct gcccaggccc attcccagct cyttgtctgg        1161
Gly Asp Pro  *
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29

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Gln Thr Ser Gly Asp Lys Gly Arg Val Glu Gln Ile His Gln Gln Lys
        35                  40                  45
Met Ala Arg Glu Pro Ala Thr Leu Lys Asp Ser Leu Glu Gln Asp Leu
    50                  55                  60
Asn Asn Met Asn Lys Phe Leu Glu Lys Leu Arg Pro Leu Ser Gly Ser
65                  70                  75                  80
Glu Ala Pro Arg Leu Pro Gln Asp Pro Val Gly Met Arg Arg Gln Leu
                85                  90                  95
Gln Glu Glu Leu Glu Glu Val Lys Ala Arg Leu Gln Pro Tyr Met Ala
            100                 105                 110
Glu Ala His Glu Leu Val Gly Trp Asn Leu Glu Gly Leu Arg Gln Gln
            115                 120                 125
Leu Lys Pro Tyr Thr Met Asp Leu Met Glu Gln Val Ala Leu Arg Val
        130                 135                 140
Gln Glu Leu Gln Glu Gln Leu Arg Val Val Gly Glu Asp Thr Lys Ala
145                 150                 155                 160
Gln Leu Leu Gly Gly Val Asp Glu Ala Trp Ala Leu Leu Gln Gly Leu
                165                 170                 175
Gln Ser Arg Val Val His His Thr Gly Arg Phe Lys Glu Leu Phe His
            180                 185                 190
Pro Tyr Ala Glu Ser Leu Val Ser Gly Ile Gly Arg His Val Gln Glu
            195                 200                 205
Leu His Arg Ser Val Ala Pro His Ala Pro Ala Ser Pro Ala Arg Leu
        210                 215                 220
Ser Arg Cys Val Gln Val Leu Ser Arg Lys Leu Thr Leu Lys Ala Lys
225                 230                 235                 240
Ala Leu His Ala Arg Ile Gln Gln Asn Leu Asp Gln Leu Arg Glu Glu
                245                 250                 255
Leu Ser Arg Ala Phe Ala Gly Thr Gly Thr Glu Glu Gly Ala Gly Pro
            260                 265                 270
Asp Pro Gln Met Leu Ser Glu Glu Val Arg Gln Arg Leu Gln Ala Phe
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Arg Gln Asp Thr Tyr Leu Gln Ile Ala Ala Phe Thr Arg Ala Ile Asp
        290                 295                 300
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Gln Glu Thr Glu Glu Val Gln Gln Gln Leu Ala Pro Pro Pro Pro Gly
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His Ser Ala Phe Ala Pro Glu Phe Gln Gln Thr Asp Ser Gly Lys Val
            325             330             335
Leu Ser Lys Leu Gln Ala Arg Leu/Asp Asp Leu Trp Glu Asp Ile Thr
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His Ser Leu His Asp Gln Gly His Ser His Leu Gly Asp Pro
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31

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32

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33

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